

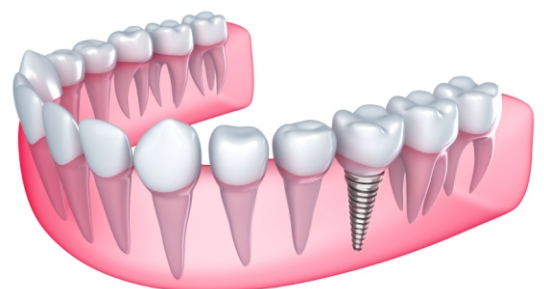


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Dental Implants Instruments



Instruments Cleaning Procedure

Enemies of Surgical Instruments:

Water and moisture of any kind (especially blood, pus, surgical debris and chlorhexidine solutions)
Cold soaking or washing instruments with inappropriate solutions such as dish or laundry soap, bleach, iodine-type solutions, general disinfectants, surgeon's hand scrub
Allowing any type of moisture to air-dry on your instruments will cause severe damage

Causes of Corrosion Staining, Pitting and Marking:

Surgical residues such as blood, pus and other secretions contain chloride ions which lead to corrosion most often appearing as dark spots.

Blood is left on the instruments for any period of time (20 minutes or longer)

Residues are allowed to dry causes pitting.

The most damaging procedure is to allow dried-on blood to become baked-on stains in the autoclave.

The temperature of the autoclave (250°270°F or 121°132°C) will cause chemical reactions that can make the stain permanent.

The cleansers and cleaning agents you use could also be a source of corrosion.

Strong substances, as well as those containing a chemical make-up of acid or alkaline-based solutions, can lead to pitting and staining.

Wash instruments with a neutral pH soap (between 7pH - 8pH) that is designed for surgical instruments for optimal results. Anything with a higher pH may damage the instrument.

Use of dish soap, iodine, bleach, cold-soak solution, chlorhexidine-based solutions, laundry soap or surgeons hand scrub will cause spotting and corrosion.

Cleaning After Surgery:

The washing process should begin within 20 minutes after surgery

It prevents blood from drying and is your best defense against corrosion, pitting and staining.

Only use approved solutions for washing, disinfecting, and lubricating.

Approved solutions are specifically designed for surgical instruments and the sterilization cycle. Their product labels will state this use.

Sterilization:

All surgical instruments must be sterilized prior to surgery to prevent infection.

Only sterilize a clean instrument.

Even sterilization can leave contaminants behind if not properly cleaned.

Sterilize instruments with the ratchets open.

This allows for better steam penetration. Plus, it prevents the box locks (hinge area) from cracking.

If using a pan or tray, we recommend one with perforations. This will also enable better steam penetration and aids in more effective drying as well.

Place heavy instruments at the bottom and lighter, more delicate instruments on top.

If sterilizing in paper or plastic pouches, do not stack pouches on top of one another during sterilization.

About us:

Wellcare Surgicals is a privately owned company dedicated to innovation and excellence in the crafting of surgical instruments. The company started as a specialist in reconstructive surgery instruments and based on its success and innovative drive gradually expanded to cover a vast range of surgical instruments. Since its inception, Wellcare has continually expanded throughout *United Kingdom, Europe & rest of the world* to provide a wide range of surgical & dental instruments both reusable & disposable. All our products are professionally supported by qualified Product Managers and specialists, trained to work in surgical and operating room environments.

Manufacturing:

At our manufacturing Unit, qualified technicians have been producing a wide range of instruments for use in many areas of surgery. Our innovative approach combined with years of experience has resulted in an expansion of scope encompassing new technical advancements within the Healthcare industry. We have been hand making Surgical Instruments for decades and have a wealth of manufacturing expertise at your disposal. As we manufacture everything in-house we are able to accommodate unusual requests, and can produce bespoke instruments if our customers prefer something 'made to measure'. This flexibility allows us to meet the increasing demands of the modern theatre environment.

Our continued commitment to quality has ensured that our products are manufactured to the highest standard having been assessed and registered as meeting the requirements of **ISO 9001-2008, ISO13485-2003** and European **Medical Devices Directive (93/42/EEC)**

Our management system ensures a consistent quality product is supplied first time, every time.

Reliability:

All our instruments carry a Five Year Guarantee, meaning you can buy with confidence. Our instruments can last a lifetime if they are used and maintained with care, ensuring replacement costs are minimal.

Price:

By dealing directly with the manufacturer you are able to benefit from significant cost savings, an important factor when trying to get the most out of your budget.

Our Aim:

To provide hospitals, surgeons and medical practitioners with surgical instruments of the highest quality, precision and cost-effectiveness.

To develop **Wellcare Surgicals** reputation as a world class manufacturer of high quality surgical instruments.

To establish Wellcare Surgical as the preferred host for surgeons across the globe for multi-discipline R&D in partnership with and for surgical instrument industry.

Ultrasonic Cleaning:

Ultrasonic cleaning is 16 times more efficient than manual cleaning alone. Place instruments in the ultrasonic unit for 10-15 minutes and use a neutral pH ultrasonic solution. Here are a few tips for ultrasonic cleaning:

Before placing into the ultrasonic unit, clean instruments of all visible debris by hand-washing them in neutral pH soap. Before placing instruments into the ultrasonic unit, turn on the ultrasonic machine and let it run for 10 minutes to de-gas the solution. This process removes any gas or air bubbles in the solution.

The cleaner the instruments go into the ultrasonic cleaner, the cleaner they will come out.

As with all types of cleaning, open all instruments so ratchets and box locks are fully exposed to the cleaning process.

Make sure instruments have plenty of room. Don't overload your ultrasonic cleaner.

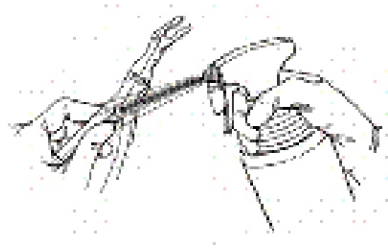
Do not mix dissimilar metals (such as aluminum and stainless) in the same cycle to prevent cross-plating.

Upon completion of the cycle, remove instruments immediately and rinse them.

Dry instruments thoroughly with a towel, ensuring that no moisture is left on the instruments.

Lubrication:

One of the easiest, yet most effective ways to keep instruments in excellent condition is to lubricate them after every cleaning. Proper lubrication keeps the moving parts of instruments from rubbing and scraping, thus preventing dulling and strain to joints and hinges. Moving parts on instruments, such as joints, box locks, ratchets, and screw joints, should be lubricated regularly. Before autoclaving, lubricate all instruments that have moving parts. Only use water-based surgical lubricants because they are steam penetrable.



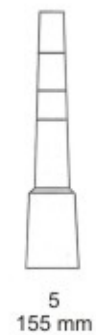
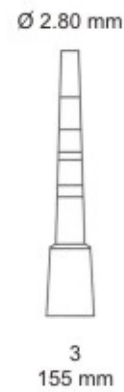
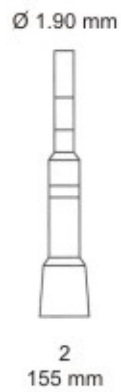
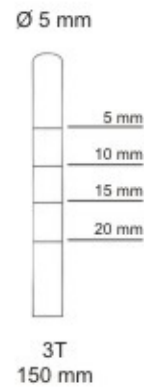
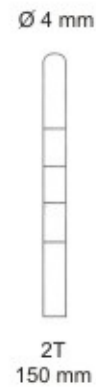
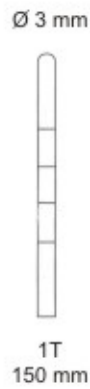
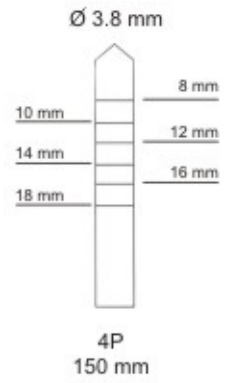
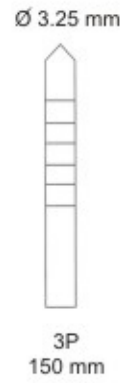
Tip Protectors:

The use of tip protectors is a good practice that protects valuable instruments and scopes from damage. Many times the damage to an instrument from not using tip protectors is not repairable, making it necessary to replace the instrument. Tip protectors can be used on the tips of pointed scissors and sharp instruments, skin hooks, distal tips of rigid scopes and to guard the cutting edges of osteotomes.





Implants Instruments

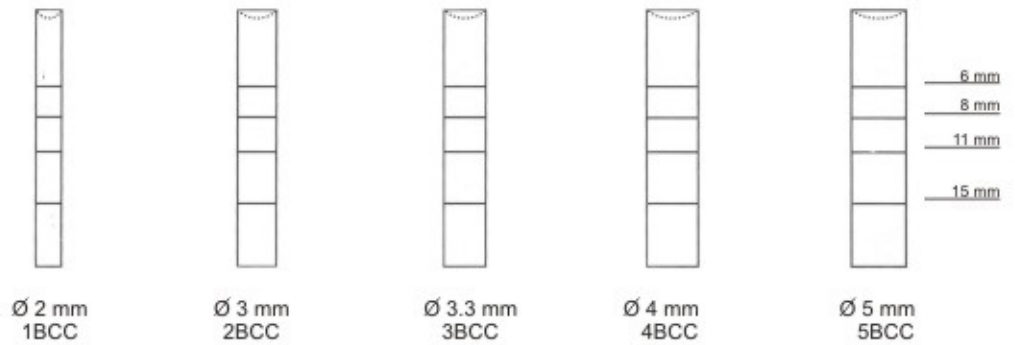
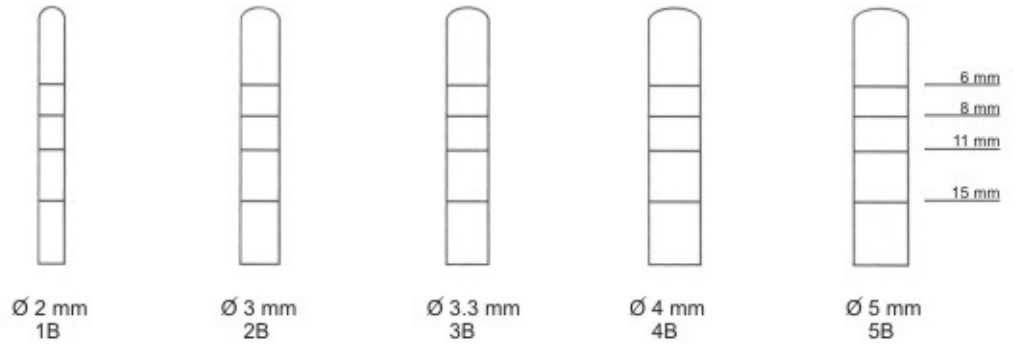




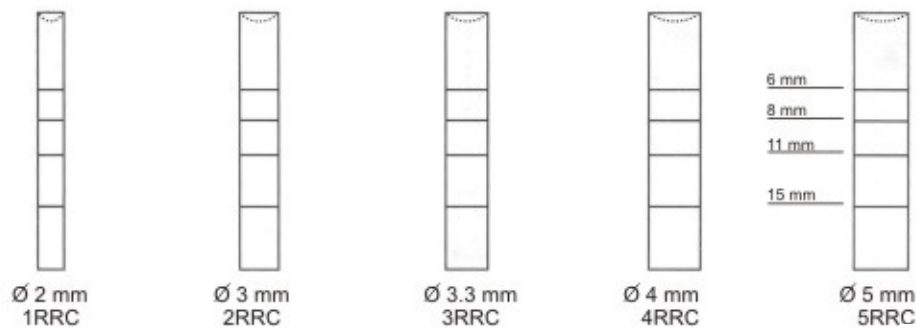
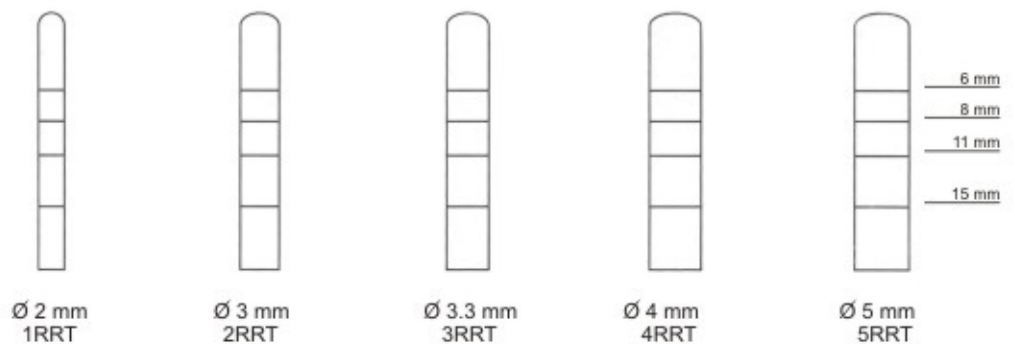
Implants Instruments



2292
Fig. 1B
165 mm



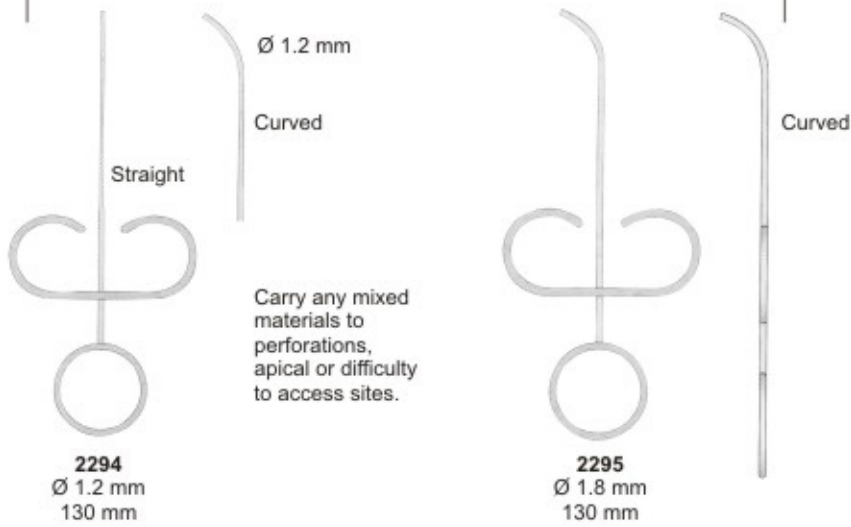
2293
Fig. 1
155 mm





Implants Instruments

Endo guns for retrograds.



Bone Injectors



Bone well

2301
Ø 35 mm
h 35 mm



2302
Grinders for autogenous

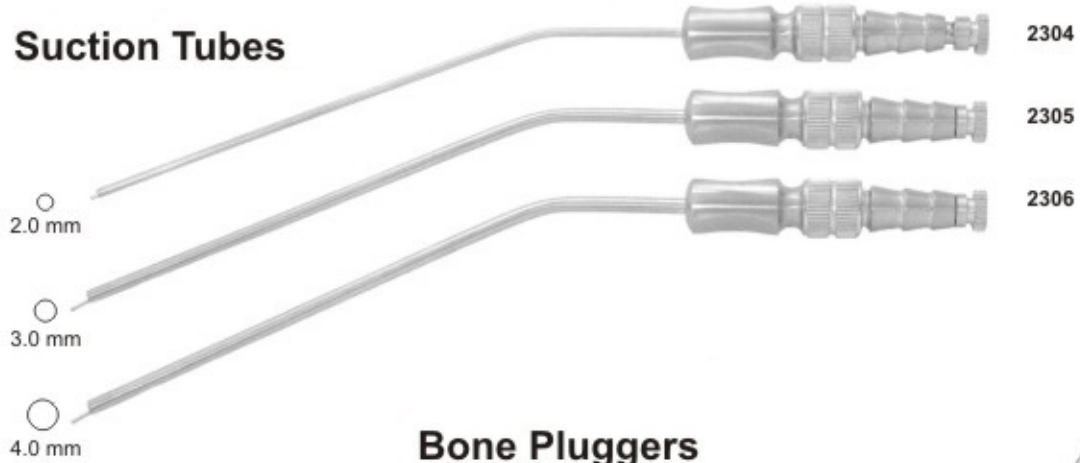


2303
Bone Mill Forcep
17.0 cm



Suction Tubes, Bone Pluggers & Rongeurs

Suction Tubes



Bone Pluggers



Kerrison Rongeurs

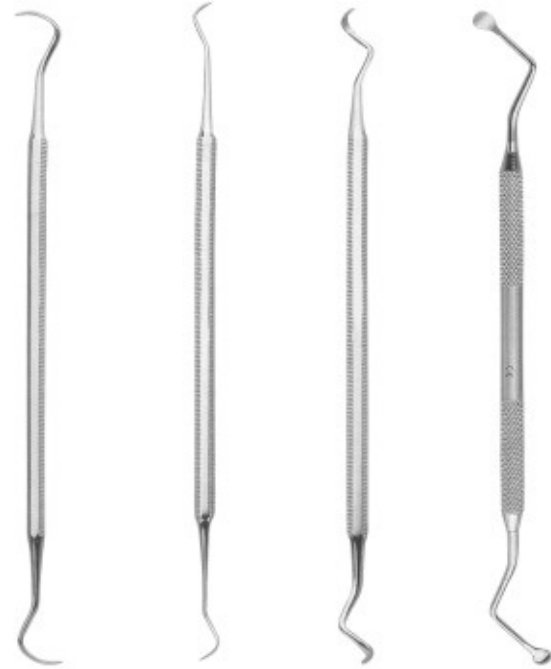


- (1.5 mm inside) 2311
 - (2.0 mm inside) 2312
 - (3.0 mm inside) 2313
 - (4.0 mm inside) 2314
 - (4.5 mm inside) 2315
- 16.5 cm**

- (1.0 mm inside) 2316
 - (2.0 mm inside) 2317
 - (2.50 mm inside) 2318
- 16.5 cm**



Implants Instruments

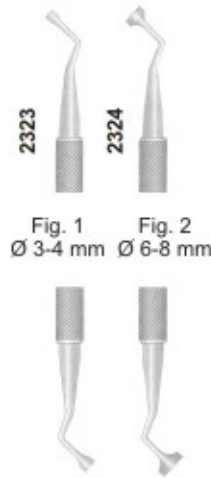


2319
Fig. 1
170 mm

2320
Fig. 2
175 mm

2321
Fig. 3
170 mm

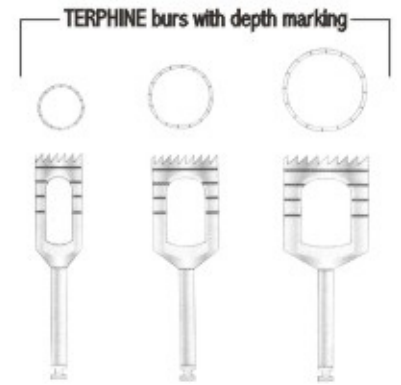
2322
LUCAS
Fig. 88
170 mm



2323 Fig. 1
Ø 3-4 mm

2324 Fig. 2
Ø 6-8 mm

Bone Compactors.



2325 Ext. Ø 3.5 mm Int. Ø 3 mm
2326 Ext. Ø 6 mm Int. Ø 5 mm
2327 Ext. Ø 8.5 mm Int. Ø 7.55 mm
2328 Ext. Ø 11 mm Int. Ø 10 mm

Sinus lift instruments



2329
Fig.1

2330
Fig.2

2331
Fig.3

2332
Fig.4

2333
Fig.5

2334
Fig.6





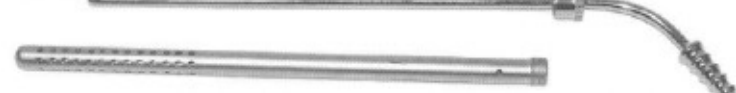











2335
Fig.7

2336
Fig.8

2337
Fig.9



Suction Tubes

		Canula, Curved 2338
		Canula, Curved 2339
		Canula, Curved 2340
<p>○ 2.0 mm</p> <p>○ 3.0 mm</p> <p>○ 4.0 mm</p>		
		Canula, Curved 2341
		Canula, straight 2342
		
		Canula, Curved 2343
		Canula, Curved 2344
		Canula, Curved 2345
		Canula, Curved 2346
<p>○ 2.0 mm</p> <p>○ 3.0 mm</p> <p>○ 4.0 mm</p>		
		Canula, Curved 2347
		3.0 mm A
		4.0 mm B
		5.0 mm C



Measuring Instruments



2348
BOLEY Gauge



2349
ZURICHER
130 mm



2350
VERNIER
12 cm



2351
VERNIER



2352
VERNIER Gauge



2353
VERNIER Gauge



2355
Finger Ruler



2354
LWANSON
Crown Gauge



2356
LWANSON
Crown Gauge



2357
Sliding Gauge
10 cm



2358
Spring Bow Divider
6" Radius



2359
VERNIER
Gauge



2360
ALBEE



2361
Height Gauge
Wick Type



Bone Gauge & Measuring Instruments



2362
Bone Gauge



2363
Bone Caliper
15 cm



2364
Castroviejo



2365 B
Straight



2365 A
Castroviejo
Curved

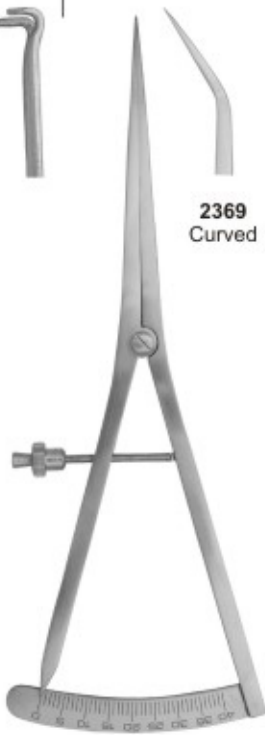


2366 D
Curved

2366 C
Castroviejo
Straight



2367
Gauge



2368
Castroviejo
Straight



2370
Castroviejo
Straight



2373
Boone - Gauge



2372
Castroviejo



2374
Curved



2375
Straight



2376
Bracket Gauge. Ant/Pr



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